



METAL FURNITURE AND EQUIPMENT

for

HOSPITALS

LABORATORIES . . .

PUBLIC BUILDINGS •

LIBRARIES

BANKS

THE GENERAL FIREPROOFING COMPANY • YOUNGSTOWN • OHIO



THE FABRICATING and installing of special metal equipment for Libraries, Laboratories, Hospitals, Banks, State, County and City Buildings is a major activity of this Company, whose history includes a background of over thirty-five years.

The special metal equipment included in this presentation is made in the same model plant and under the same strict supervision as the world-famous line of GF Metal Office Furniture. The plant contains complete facilities for the fabrication of equipment in steel, stainless steel, monel metal, bronze and aluminum.

EXPERIENCE

The GF organization is one on which the architect may depend with utmost confidence that the work entrusted to it will never fail to measure up to the highest standards he may have set in the original plans. Careful workmanship by men long experienced in this class of work and rigid inspection at all stages of manufacture assure a finished product that always reflects credit on the designer.

SERVICE

A competent engineering staff, thoroughly familiar with the characteristics of various metals adapted to fabricating processes, is available to architects. The years of experience possessed by this staff of engineers is most valuable and a consulting service is offered to all architects who may wish to avail themselves of it. Correspondence on any matter pertaining to metal fabrication of any special nature is invited and is conducted in a professional manner. With factory branches in twelve cities and with dealers in every city of five thousand population or over, The General Fireproofing Company supplies a national service.

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THE GENERAL FIREPROOFING CO.
Y O U N G S T O W N , O H I O

FOR LIST OF BRANCH OFFICES SEE BACK COVER

METAL EQUIPMENT for LIBRARIES

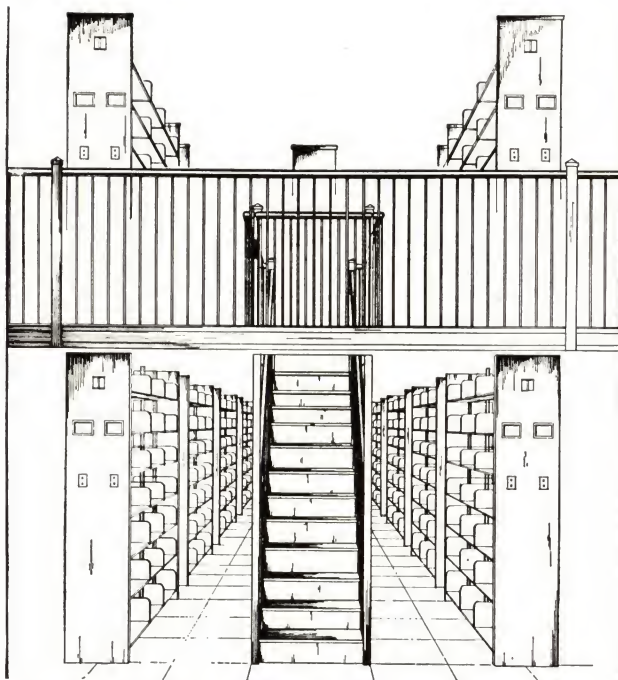
A complete engineering, consulting, fabricating and installation service for public, college, university and institutional library equipment, including Multi-Tier Book Stacks, both Bracket and Slotted types, Deck Floors, Steel, Glass and Wire Partitions, Doors, Carrels, Stairways, Railings, Book Conveyors, Lifts, installed integrally with the building.

In addition, GF supplies all accessory equipment such as—

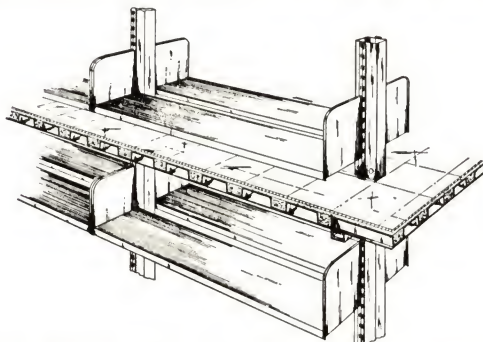
Card Index Cabinets	Wall Shelving
Reference Shelves	Exhibition Cases
Book Trucks	Museum Cases
Catalog Files	Magazine Racks
Delivery Desks	Newspaper Racks
Office Desks	Atlas and Dictionary Stands
Charging Counters	Map Racks, Rollers and Drawers
Reading Tables	Hat and Coat Racks
Aluminum Chairs	Wardrobes

Multi-Tier Bracket-Type Shelving

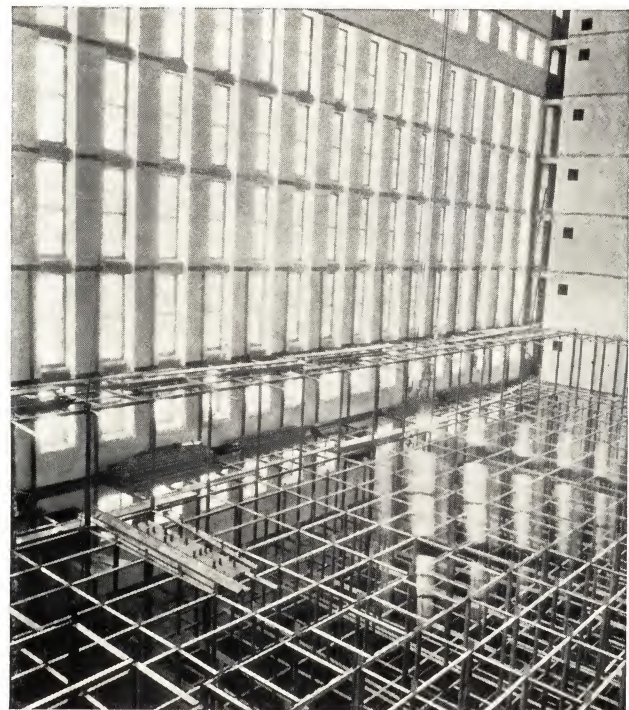
For large libraries the Multi-Tier, Bracket-Type Shelving has proved the most desirable. The deck floors are carried directly on the stack columns and the floor is tied into the building walls at intervals to provide wind bracing. The GF design affords many original and exclusive advantages having a bearing on erection costs and creates in its enclosed columns a sanitary insect proof support.



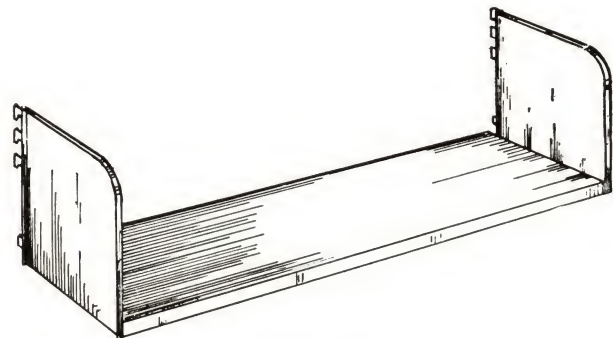
Typical Elevation of Bracket-Type Shelving with end panels



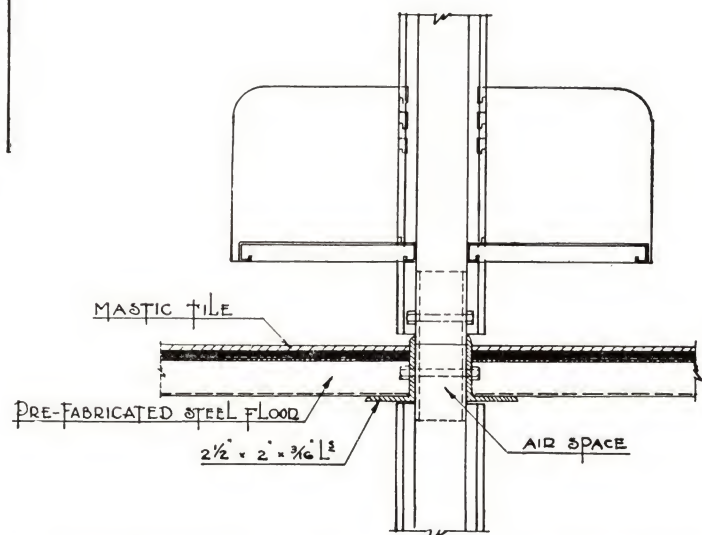
Perspective—Showing Floor and Column Details for Bracket-Type Library Shelving with Prefabricated Steel Flooring Inverted with Concrete Fill



Supporting Construction for an Eight-Tier Book Stack in process of erection



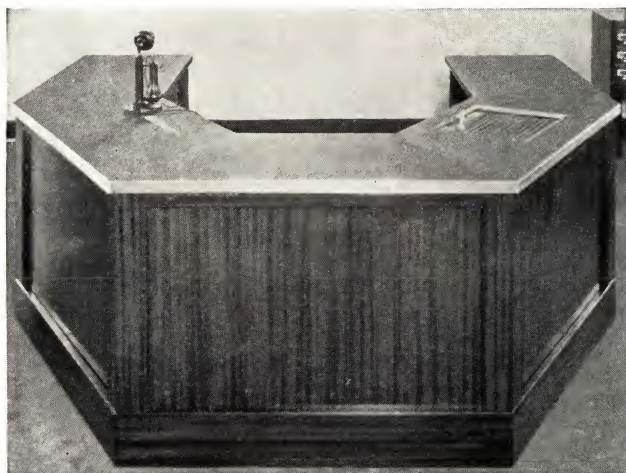
Sketch of Shelf



Typical Detail of Floor and Column for Bracket-Type Library Shelving with Prefabricated Flooring



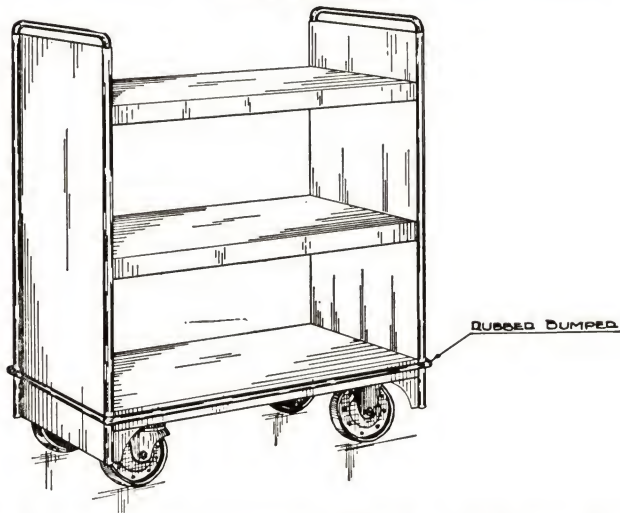
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Charging Desk

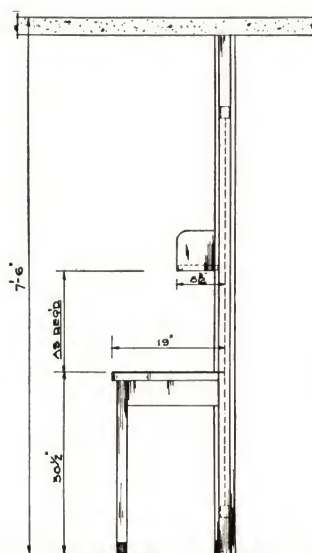


Free Standing, Solid Side or Slotted-Type Book Shelving for Small Installations

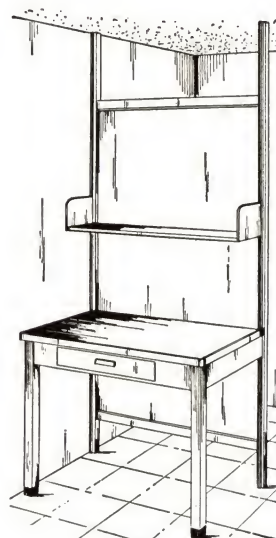


Book Truck—Overall Dimensions—30" wide x 14½" deep; Clear Height Two Bottom Openings 10½"; Truck Mounted on Two Rigid and Two Swivel Ball Bearing Casters having 5" Diameter Rubber Tired Wheels

METAL EQUIPMENT for LIBRARIES

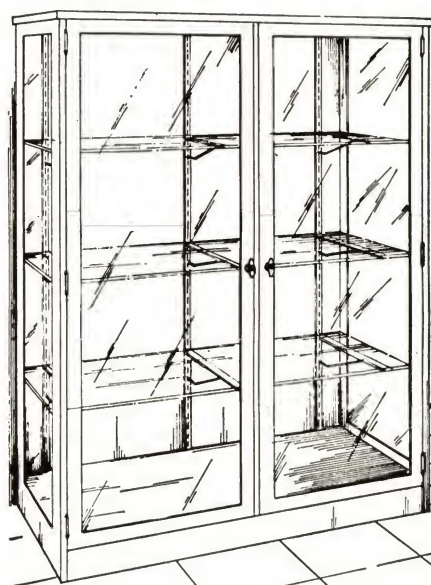


End Elevation



Perspective

Study Carrel



Museum Case—Style D

A Few Typical Library Installations

University of Minnesota
Washington and Jefferson College
Duke University
Marshall College Library
Murray State Teachers College
Cornell University
Reuben McMillan Public Library
Birmingham Southern College
House of Representatives Library
Kentucky State Capitol
Hawaiian Historical Society
North Carolina State Capitol
Bar Association Library
Rockefeller Institute
Huntington Library & Art Gallery
State Supreme Court Library
U. S. Supreme Court Bldg.
S. W. Texas Teachers College
Louisiana State Univ. Law Library
Federal Trade Commission Library
Interstate Commerce Commission

Minneapolis, Minn.
Washington, Pa.
Durham, N. C.
Huntington, W. Va.
Murray, Ky.
Ithaca, N. Y.
Youngstown, Ohio
Birmingham, Ala.
Washington, Pa.
Frankfort, Ky.
Honolulu, Hawaii
Raleigh, N. C.
New York City
New York City
San Marino, Cal.
Nashville, Tenn.
Washington, D. C.
San Marcos, Tex.
Baton Rouge, La.
Washington, D. C.
Washington, D. C.

METAL EQUIPMENT for LABORATORIES

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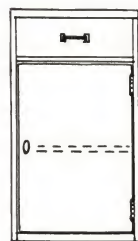


Chemical Research Laboratory

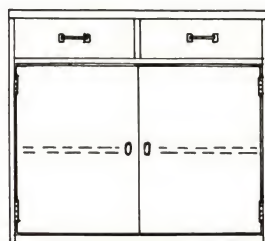
With its many years of successful application, metalization of the laboratory has now become the accepted practice exactly as metal is the standard for the construction of furnishings for hospitals, offices, public buildings, libraries and other institutions. The many qualities of metal laboratory equipment—operating efficiency, space economy, incombustibility, flexibility of application and arrangement, and durability make it outstandingly attractive for use in schools, colleges and universities where equipment must be adapted to the ever changing needs of scientific study.

In industry, too, because of industry's dependence upon the knowledge gained from scientific research and analysis, the laboratory has become second to no other department in importance. Here metal laboratory equipment has been given the position of preference solely on the basis of its proven superiority.

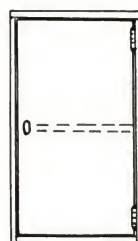
In general, GF supplies the ideal equipment for laboratories by providing metal tables equipped with carefully fitted warpless drawers and cupboard doors and with tops of any suitable selected material—soapstone, linoleum, impregnated acid-resisting asbestos, metal alloys or wood. Specification details on request.



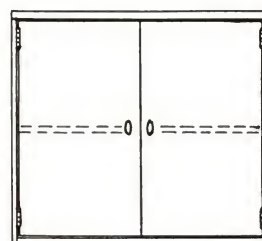
LCD-2½



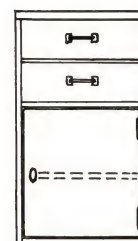
LCD-2



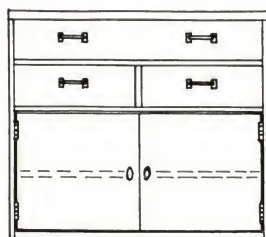
LC-1½



LC-1



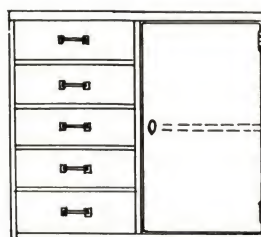
LCD-¾



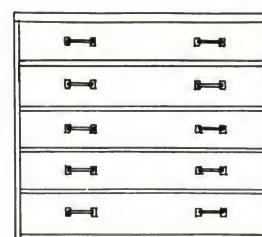
LCD-3



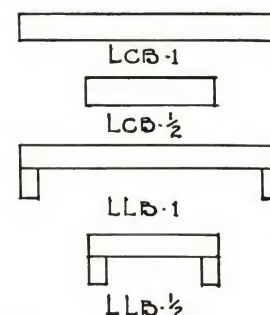
LD-5½



LCD-5



LD-5



Single Units 18" and 24" Wide
Full Width Units 35", 40" and 46" Wide

All Units 22" Deep
All Bases 19" Deep

Typical Laboratory Table Sections and Bases for Wall and Center Installations



Analytical Laboratory

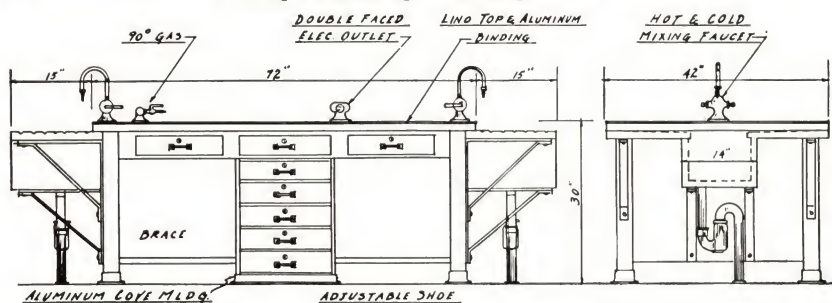
Typical Installations of Laboratory Equipment

Princeton University—Princeton, N. J.
Aluminum Company of America—New Kensington, Pa.
Temple University—Medical School—Philadelphia, Pa.
Ursinus College Science Bldg.—Collegeville, Pa.
Allegheny County Laboratory—Pittsburgh, Pa.
Rensselaer Polytechnic Institution—Troy, N. Y.
Department of Health & Sanitation—New York, N. Y.
Notre Dame University—South Bend, Ind.
Indiana University Medical School, Bloomington, Ind.
University of Delaware—Newark, Delaware

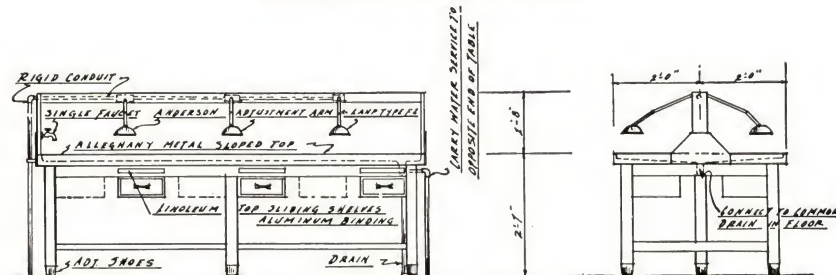
METAL EQUIPMENT ATORIES (Continued)



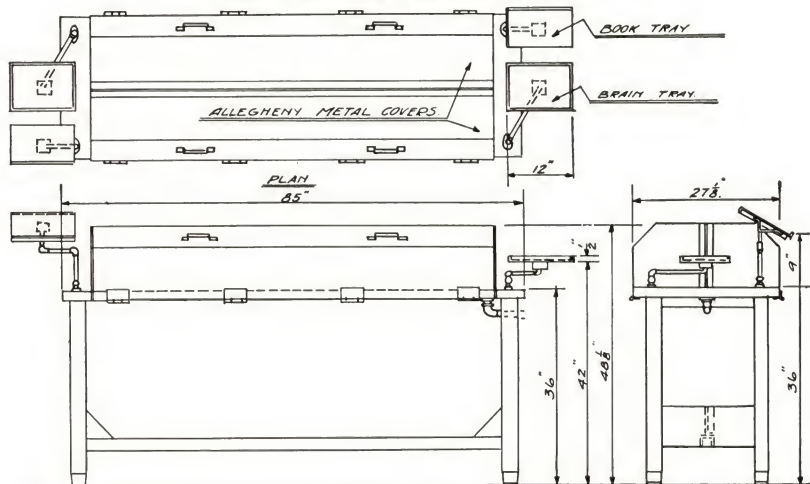
Biology and Botany Laboratory



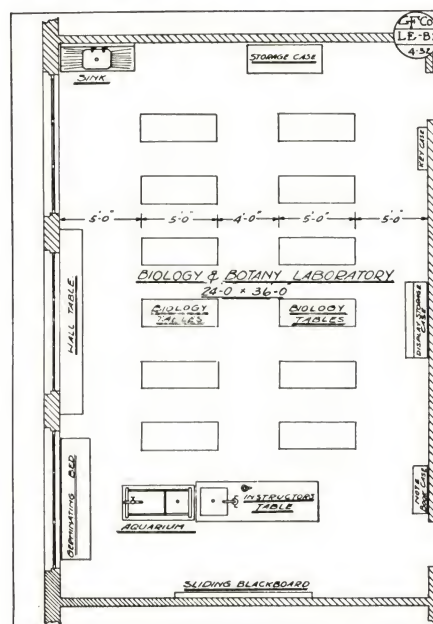
Biology Table—Double Face Type



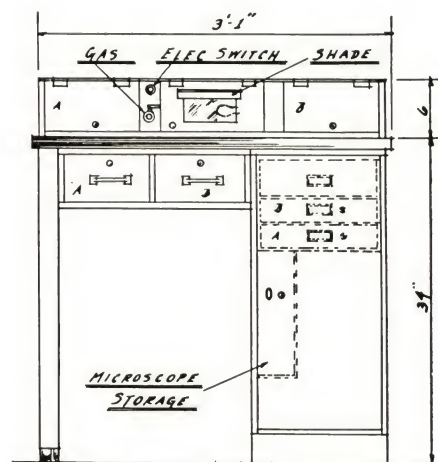
Animal Dissecting Table—Double Faced



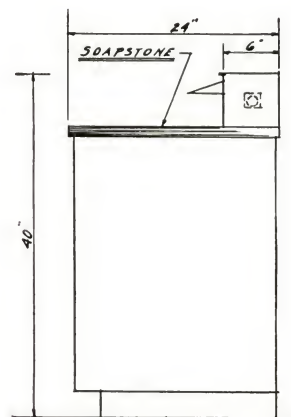
Dissecting Table



Typical Floor Plan of Biology and Botany Laboratory



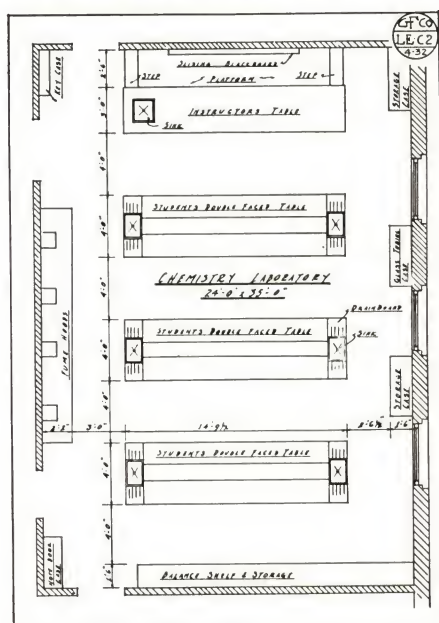
Histology or Bacteriology Desk
(Front View)



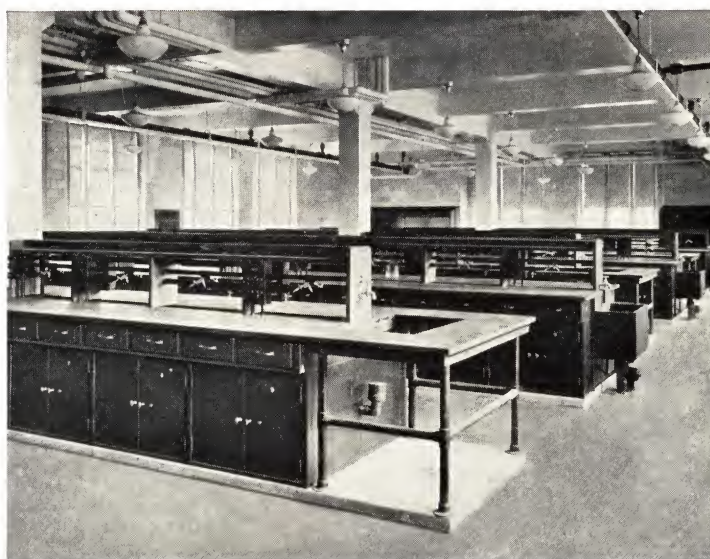
Histology or Bacteriology Desk
(End View)

METAL EQUIPMENT for LABORATORIES (Concluded)

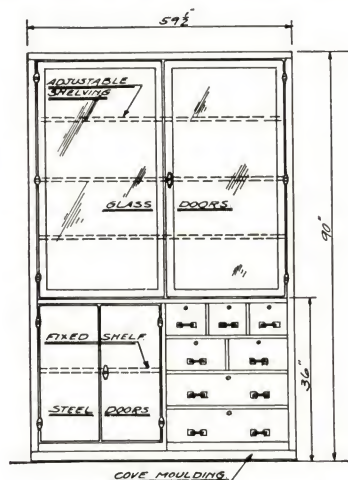
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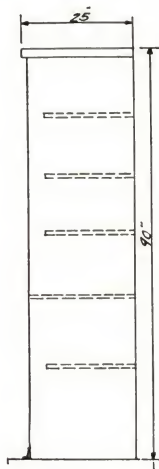
Typical Floor Plan of a Chemistry Laboratory



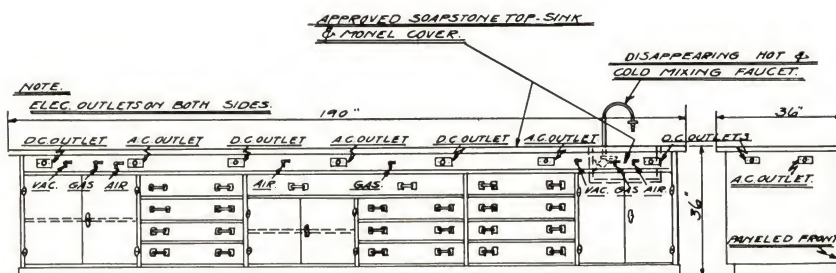
Chemistry Laboratory



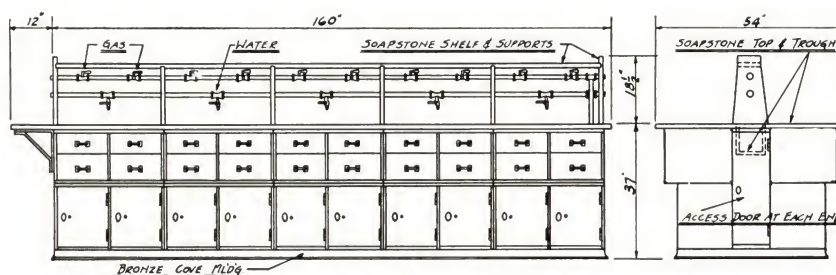
Storage and Display Case
(Front View)



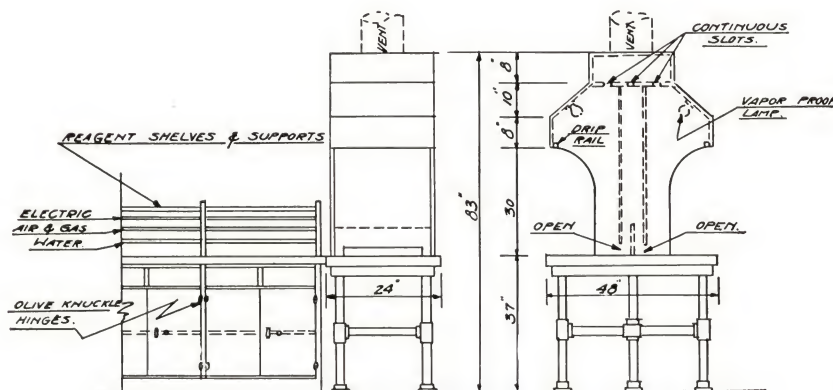
Storage and Display Case
(End View)



Demonstration Desk



Student's Double Faced Table



Double Faced Open Type Fume Hood for Student Table

METAL EQUIPMENT for HOSPITALS



Instrument Case

metal cabinet work while its experience in the specialized field of hospital cabinet work extends over a period of twenty years. Among its installations are hundreds of hospitals both large and small. One of its most recent is that of the famous Los Angeles County General Hospital, the largest installation of its kind yet made.

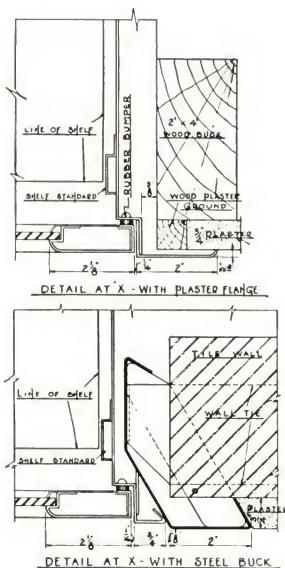
Types of Construction

GF Metal Hospital Built-in Equipment can be either of the strictly built-to-order type or of standardized or semi-standardized units which have been developed out of our long experience in serving a large number of hospitals. The use of standardized construction always results in measurable savings and should be

Building Committees and Architects who entrust the fabricating of metal cabinet and casework to The General Fireproofing Company are assured of a completed job superior in every respect and one that not only conforms to the ideals set up in the original plan of the building but one that will remain a monument to those entrusted with the undertaking. Complete satisfaction in this class of work can be assured only when the manufacturer is one whose record is a succession of achievements and whose operations are founded on an experience that extends back into the early history of metal furniture fabrication. For thirty-five years The General Fireproofing Company has engaged in the manufacture of fine metal furniture and special



Utility Room Cabinet



used wherever possible. GF Metal Case Work is of two distinct types, the Overlap Plaster Flange Type and the Steel Buck Type.

Overlap Plaster Flange Type—Attached to wood bucks installed by the building contractor and the steel case is installed in the opening after plastering.

Steel Buck Type—Employs the use of a steel frame into which the finished case fits exactly. the buck is delivered to the building in advance of the finished cabinet, and is installed by the building contractor. Later the cabinet is slipped into place and permanently attached to the steel buck.

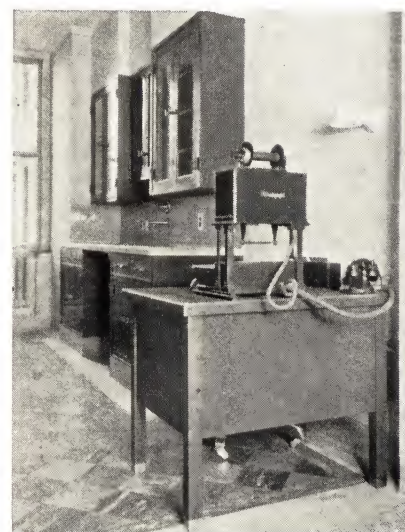
Finish—All equipment finished in lacquer over an oven-baked ground coat.



X-Ray Viewing Cabinet



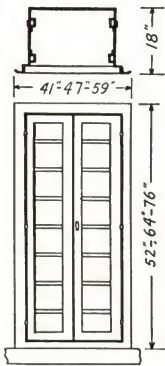
Sterile Dressing Cases



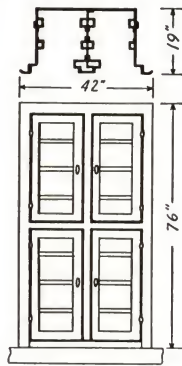
Nurse's Station

METAL EQUIPMENT for HOSPITALS (Concluded)

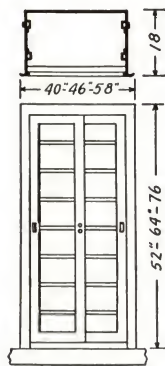
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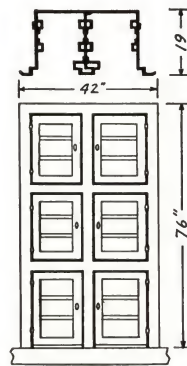
**Instrument Case
Type A-A**
Glass doors, glass shelves. Lock handle and hinges chromium plated.



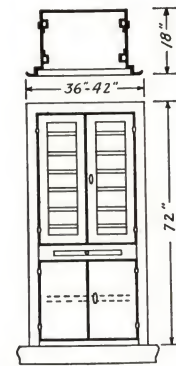
**Instrument Case
Type A**
Glass door, plate glass shelves. Hinges and lock handle chromium plated.



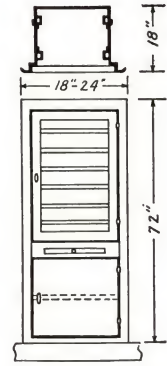
**Instrument Case
Type C-C**
Sliding glass doors with lock. Chromium plated, sunken handles. Plate glass shelves.



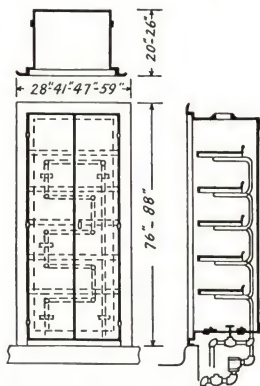
**Instrument Case
Type C**
Six glass doors, plate glass shelves. Hinges and lock handles chromium plated.



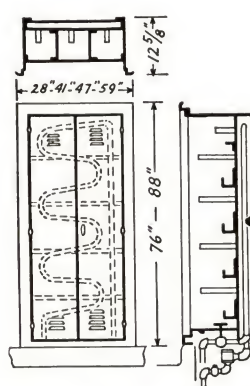
**Instrument Case
Type E**
Glass doors at top, steel doors at bottom. Glass shelves in upper section. Chromium plated lock handles and hinges.



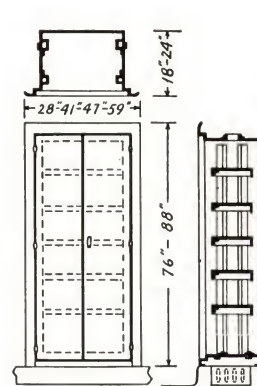
**Instrument Case
Type F**
Glass door at top, steel door below. Plate glass shelves in upper section. Chromium plated hinges and lock handles.



Blanket Warmer Type A
Steel door with chromium plated lock handle and hinges. Perforated steel shelves. Heating coil of seamless copper pipe and fittings. Vent in top.



Bed Pan Warmer Type A
Steel doors with chromium plated lock handle and hinges. Holders for bed pans, urinals and enema irrigators. Heating coil of seamless copper pipe with fittings. Door ventilated.

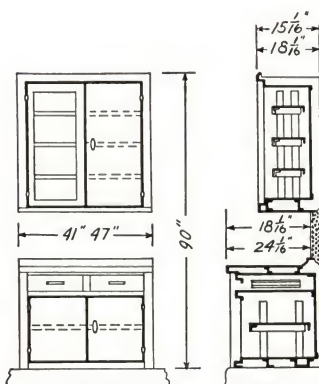


Blanket Warmer Type C
Steel door with chromium plated lock handles and hinges. Perforated steel shelves. Provision in base for installation of electric heating coils. Vent in top.

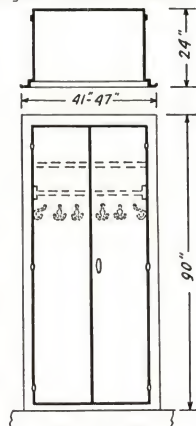
Representative Installations

Beth Israel Hospital
Albany City Hospital
Beth Israel Hospital
French Hospital
Swedish Hospital
Montefiore Hospital
Youngstown City Hospital
Women's Hospital
Toledo Hospital
St. Luke's Hospital
Lying-in-Hospital
Mt. Sinai Hospital
DePaul Hospital
Lakeside Hospital
Lenox Hill Hospital
Los Angeles County General Hospital
Menorah Hospital
Springfield Hospital
Huron Road Hospital
Henrotin Polyclinic Hospital

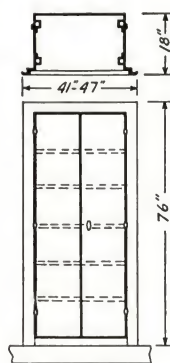
New York City Albany, N. Y.
Boston, Mass.
New York City
Minneapolis, Minn.
Pittsburgh, Pa.
Youngstown, Ohio
Detroit, Mich.
Toledo, Ohio
Cleveland, Ohio
Boston, Mass.
New York City
St. Louis, Mo.
Cleveland, Ohio
New York City
Los Angeles, Cal.
Kansas City, Mo.
Springfield, Mass.
Cleveland, Ohio
Chicago, Ill.



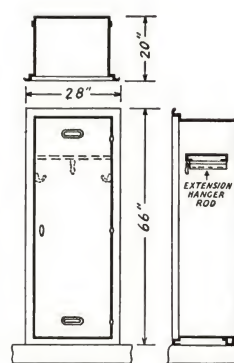
Utility Case Type A
Glass or steel doors in upper section with chromium plated lock handle and hinges. Steel shelves in both sections. Lower section has Monel Metal top and two storage drawers.



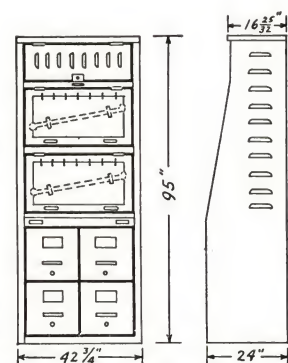
**Splint Cabinet
Type A**
Steel doors with chromium plated lock handles and hinges. Monel Metal shelf and rod. Six three-prong hooks.



**Storage Cabinet
Type A**
Steel door with chromium plated lock handles and hinges. Steel or Monel Metal shelves.



Wardrobe Type A
Steel door with chromium plated lock handle and hinges. Steel shelf at top with extension coat hanger. Two double-pronged hooks. Vents in door.



X-Ray Viewing Cabinet
Has four file drawers on roller suspensions and two hinged plate glass viewing panels with spring clips for films. Attachments for Cooper-Hewitt tubes. Ventilated.

TYPICAL PRE-FABRICATED METAL HOSPITAL CABINETS FOR BUILT-IN INSTALLATION

METAL EQUIPMENT for STATE, COUNTY and MUNICIPAL BUILDINGS

A complete engineering, consulting and fabricating service for equipping court houses, state capitols and city halls.

Private offices are usually equipped with metal desks, aluminum chairs and filing equipment carried in stock. Record rooms and rooms for transactions with the public are equipped with both stock items and with built-to-order equipment.

Filing cabinets for all types of records can be arranged in counters and a continuous Velvolum-covered top and continuous paneled fronts applied. By the use of stock filing units, enclosed in counters of this type, important savings are always possible. For tax offices, grille work, or a low screen of glass or steel, may be applied to the counter top.

The following are some of the items supplied for buildings of this classification:

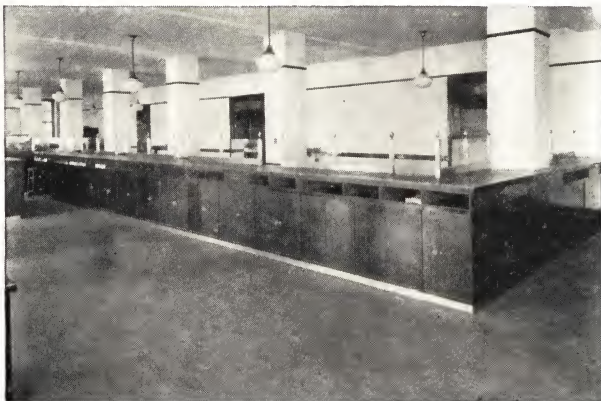
- | | |
|------------------------------|---------------------------------|
| Roller Book Shelves | Legal Blank Files |
| Document Files | Map and Plan Files |
| Card Index Cabinets | Visible Index Systems |
| Vertical Files (rigid front) | Finger Print Cabinets |
| Vertical Files (Super-Filer) | Criminal Identification Records |
| Storage Units | Vault Shelving |
| Roller Shelf Units | Storage Shelving |
| Cupboard Units | Book Shelving |
| Counter Files | Book Cases |
| Cash Drawer Units | Law Library Stacks |
| Check Files | Busses |

Grille Work
Enclosures
Transfer Files
Counters
Aluminum Chairs
Flat Top Desks
Roll Top Desks
Standing Desks
Typewriter Desks

Comptometer Desks
Dictating Desks
Typewriter-Transcriber Desks
Costumers
Wardrobes
Storage Cabinets
Safes
Waste Baskets
Telephone Stands



Record Room



Tax Office



Registry of Deeds



Surrogate's Record Room



Bar Association Library

EQUIPMENT IN CAMDEN COUNTY COURTHOUSE, CAMDEN, N. J.

COUNTER EQUIPMENT

for BANKS and PUBLIC UTILITY COMPANIES

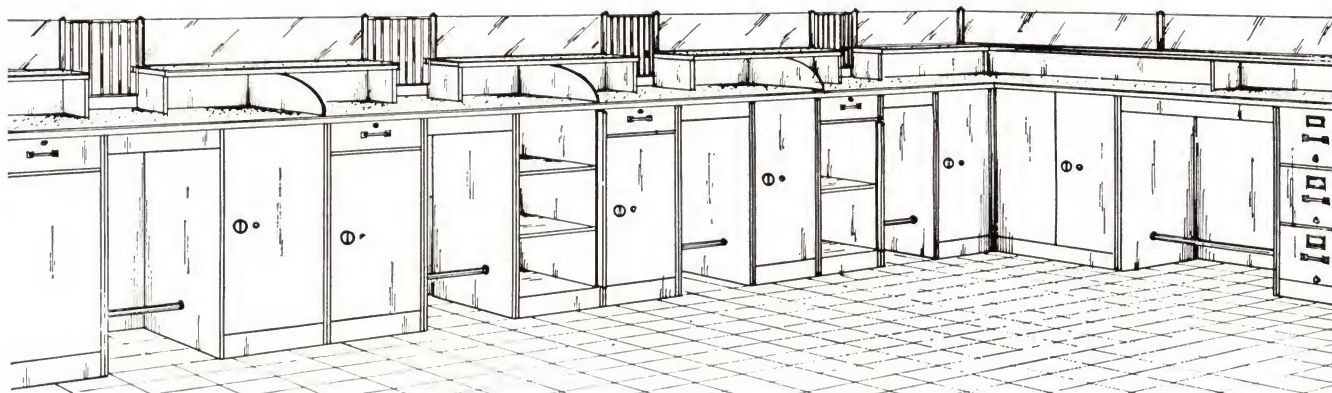
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GF Counter Equipment conforms to the modern trend which is away from the forbidding and complicated cage-work of the past and toward the more cordial type of counter which interposes a low barrier between teller and customer.

GF Counters fall into two general groups depending upon the type of drawer equipment they are to enclose. One group is based on the use of stock counter filing units which are available in great variety and which, because of the application of quantity

production methods, are much lower in cost than built-to-order equipment. Equipment of this type is assembled in a counter with continuous tops and paneled fronts and with a low screen of glass or metal provided with open windows or wickets.

The other type of counter is custom built to the specifications of the architect. Here variety of design and finish are almost without limit. GF offers to architects a broad experience in special fabrication of this character.



Typical Counter Arrangement Using GF Stock Steel Counter Units

REPRESENTATIVE INSTALLATIONS



BRANCH OFFICES

BOSTON, MASS.	74 Franklin St.
HARTFORD, CONN.	8 Ford St.
NEW YORK, N. Y.	500 Fifth Ave.
PHILADELPHIA, PA.	2301 Chestnut St.
WASHINGTON, D. C.	201 Mills Bldg.
PITTSBURGH, PA.	642 Grant St.
CLEVELAND, OHIO	1235-1237 Prospect Ave.
CHICAGO, ILL.	36 South State St.
ST. LOUIS, MO.	521-23 Arcade Bldg.
MINNEAPOLIS, MINN.	310 North First St.
SAN FRANCISCO, CALIF.	534 Fourth St.
LOS ANGELES, CALIF.	1733-35 S. Los Angeles St.

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